

*Bassus arcuatus* Prov. = *Lampronota punctulata*.

" *bouleti* Prov. = *Erromenus pedalis*.

" *cylindricus* Prov. = *Pimpla annulipes* ♂.

" *dorsalis* Prov. = *Plectiscus*.

" *gibbasus* Say = *Microdus*.

" *limitaris* Say = *Earinus*.

" *sanctus* Say = *Microdus*.

" *currie* Ashm. = *Tryphon*.

" *virgatiensis* Ashm. = *Tryphon*.

## DESCRIPTIONS OF A FEW NEW PIMPLINÆ.

BY G. C. DAVIS.

***Lampronota sexcarinata*** n. sp. ♀.—Length 10 mm.; ovipositor 8 mm. Body entirely black, except margins of abdominal segments, which are sometimes rufous and covered with fine yellowish hair most conspicuous on the front and the least so on the abdomen; antennæ slender, reddish brown. Legs honey-yellow, posterior tibiæ and tarsi dark brown. Wings hyaline, nervures and stigma brown, tegulæ rufous to yellow, areolet wanting; parapsidal grooves distinct on mesonotum, converging into a broad, thickly punctured depression in front of scutellum; metathorax rugose and with six longitudinal carinæ, the two outer ones running just below the oblong spiracles; first segment of abdomen rugose, oval near base; segments 2 and 3 finely punctured.

Described from four female specimens taken in Michigan.

***Lampronota angusta*** n. sp. ♀.—Length 7 mm.; ovipositor 7 mm. Body black, thickly punctured; orbital lines from vertex to insertion of antennæ, clypeus, base of mandibles, palpi, tegulæ, triangular line on margins of mesonotum, anterior coxæ and four anterior trochanters pale yellow; remainder of legs rufous, except four posterior tarsi, tibiæ, all but base, and base and tip of femora, which are dark brown, tarsal claws small; antennæ slender, black. Wings hyaline, areolet small, triangular; occiput full, ocelli elevated; front with a central carina extending from antennæ to clypeus; mesonotum dull, closely punctured, without parapsidal grooves; metanotum rugose, without carina; first segment of the abdomen coarsely rugose with a central longitudinal carina, second and most of third segment finely rugose.

Described from one female taken in July at the Michigan Agricultural College.

***Lampronota bullata*** n. sp. ♀.—Length 11 mm.; ovipositor 5 mm. Black, with abdominal segments 2 and 3, in part, rufous. Head, thorax and legs coarsely punctured and covered with sparse, long, white pile; antennæ black, the front with a broad elevated ridge extending from their base to the clypeus; scutellum elevated, prominent; with a shining tubercle at the tip. Wings yellowish, dusky; areolet present, petiolate, with a large bulla on the outer vein at base so that it makes the areolet appear incomplete. The upper third of the second recurrent nervure is also covered with a bulla and is peculiar in that it has a branch about one-third mm. long extending out toward the apex of the wing in this bulla.

The abdomen is quite broad, sub-compressed at apex, shining, first segment punctured at sides, 2 and 3 rufous, with sides and more or less of a band across the middle of the segments black; four anterior legs with the tibiae and tarsi dirty fulvous; posterior legs with base of the tibiae and tarsal joints, beyond the middle of the second, dirty white.

Described from one female sent by Prof. O. B. Johnson, Seattle, Washington.

**Lampronota bibrevicineta** n. sp. ♀.—Length 11.5 mm.; ovipositor broken. Head and thorax black, abdomen mostly rufous; two short orbital lines on front, light yellow; clypeus, mandibles and palpi ferruginous; coxae, trochanters and posterior tibiae and tarsi black; remainder of legs rufous. Wings yellowish fuscous; areolet median petiolate. Head and thorax coarsely punctured; metanotum without carina. Abdomen shining, sparsely punctured, segments 1 and 2 with a slight central longitudinal depression; segment 1 black, with the terminal fourth rufous, 2 and 3 entirely rufous; following segments more or less stained with black.

Described from one female taken at the Michigan Agricultural College. It comes nearest to *L. montana*.

**Lampronota nigropicta** n. sp. ♂.—Length 10 mm. Black, with the following parts lemon-yellow: entire face below antennae, scape beneath, mouth, prosternum, line on collar, small spot on margins of mesonotum, tegulae, spot in front, spot beneath, scutellum, apex of first abdominal segment, second segment, except a black spot in the centre, all of third segment, base of fourth, four anterior legs and tarsi, trochanters, basal two-thirds of tibiae and base of femora of hind legs; antennae brownish fulvous, growing lighter toward the tip. Wings hyaline, without areolet. Thorax and abdomen shining, finely and sparsely punctured; spiracles on basal segment of the abdomen not tuberculate.

Described from one male taken at the Agricultural College, Mich.

**Lampronota annulata** n. sp. ♂.—Length 11 mm. Black, with yellow markings; entire head, except occiput, and vertex around ocelli, entire sternum, prothorax above, lines on mesonotum bordering the entire sides and returning parallel half way to the scutellum, tegulae, spot in front, spot below, line between meso- and metapleurae, scutellum and post-scutellum lemon-yellow; posterior coxae lemon-yellow with a black stain above. Abdomen with segment 1 black, except two fulvous spots on apical margin; segment 2 reddish black, with two spots at base and a broad apical margin light ferruginous; segments 3 and 4 entirely ferruginous, and the remainder reddish black. First segment grooved at base, spiracles tuberculate; antennae dark brown, with scape beneath and a broad annulus above, lemon-yellow. Wings yellowish hyaline, areolet wanting; mesonotum punctured, rufous and black; pleurae with a slight rufous tinge; metathorax rugose, not carinate.

Described from one male taken at Gaylord, Michigan.

**Lampronota pallorana** n. sp. ♀.—Length 11 mm.; ovipositor 11 mm. Pale rufous, with yellowish white markings; antennae black, with segments 10 to 15 white, scape beneath rufous; orbital lines, lower part of front, mouth, cheeks, gula, entire prothorax with anterior coxae, mesopleurae, tegulae, spot in

front, line beneath, parallel lines on mesonotum and scutellum, yellowish white; metapleurae and middle coxae are a yellowish red; remainder of legs honey-yellow. Abdomen smooth, shining, dark rufous. Wings hyaline, nervures and stigma yellowish; areolet large, triangular. Thorax coarsely punctured.

Described from one female taken at Philadelphia, Pa., by Chas. W. Johnson.

**Xylonomus mandae** n. sp. ♀.—Length 17 mm.; ovipositor 10 mm. Dark reddish brown, with abdomen, beyond first segment, black; anterior orbital lines, tubercles on pronotum, line beneath tegulae, band on each side of scutellum and base of stigmae yellowish white; four anterior legs and trochanters of posterior legs ferruginous; metathorax and basal segment of abdomen rufous, tuberculated at sides; antennae reddish brown, with scape beneath lighter; checks behind eyes, propleura and most of mesonotum, coarsely aciculated; anterior upper angles of prothorax tuberculate; metathorax areolated, scabrous. Wings hyaline, with dusky yellowish spot at the juncture of the cubitodiscoidal and submarginal, at the juncture of the submedian with the cubitodiscoidal cells and at the apex of the anal cell; basal segment of abdomen scabrous; remainder finely punctured; venter more or less reddish.

Described from one female from Prof. O. B. Johnson, at the Washington University, and at his suggestion named as a compliment to one of his most faithful collectors.

**Echthrus adillae** n. sp. ♂.—Length .20 mm. Black, with head and thorax coarsely punctured, and abdomen finely punctured. Head pilose, deeply excavated back of antennae; antennae brown-black, basal joint large, nearly as broad as long; mandibles and palpi rufo-piceous; mesonotum with distinct parapsidal grooves; metanotum scabrous, aciculated above base of abdomen, with a central longitudinal depression. Abdomen smooth, somewhat compressed, with a small depression on basal segment. Wings yellowish hyaline, areolet large, pentangular, four anterior legs from the terminal part of the femora rufo-fulvous; posterior tibiae and basal two-thirds of first tarsal joint rufo-piceous, rest of tarsi reddish white.

Described from one specimen, from Washington, in honor of another of Prof. Johnson's enthusiastic workers.

**Aplomerus nasonii** n. sp. ♂.—Length 8 mm. Black; thorax and abdomen decidedly depressed; orbits broken below the eyes, at the insertion of antennae and broadly so on the vertex; clypeus, two dots above on front, base of mandibles, palpi, tegulae, base of all the tibiae, anterior tarsi and basal half on first tarsus of four posterior tarsi, yellowish white; remainder of four anterior legs honey-yellow, and of posterior legs piceo-fulvous; antennae brown. Wings hyaline, without areolet, nervures and stigma reddish brown. Thorax broad, flat; parapsidal grooves distinct; metanotum with small longitudinal carinae; first segment of the abdomen twice as long as the rest, subpetiolate, gradually expanding; posterior femora only two-thirds as long as tibiae and very robust.

Described from one male sent by Dr. Nason, of Algonquin, Ill., and dedicated to him in recognition of the many fine specimens sent me from that State.